

PROCESSES FOR THE PRODUCTION OF HCMV GLYCOPROTEINS,
ANTIBODIES THERETO AND HCMV VACCINES, AND
RECOMBINANT VECTORS THEREFOR

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ABSTRACT

HCMV glycoproteins B and H have been identified. The gB protein is encoded by DNA in the HindIII F fragment of the HCMV genome lying between 1378 and 4095 bases from the F/D
10 boundary. The gH protein is encoded by DNA in the HindIII L fragment lying between 228 and 2456 bases from the L/D boundary.

The genes have been incorporated in recombinant vaccinia
15 vectors and expressed in host animals to raise HCMV-neutralising antibody, thereby indicating vaccine potential. The glycoproteins can also be used in a variety of different ways, as vaccines or in the production, purification or detection of HCMV antibody.

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